

CHAPTER III

RESEARCH METHODOLOGY

This chapter covers the explanation of the research methodology used in the present study, which includes research design, data source, data collection, and data analysis.

3.1. Research Design

This study used a descriptive comparative qualitative approach and supported by simple descriptive quantification because it aimed to explore and compare empirical facts about the realizations of rhetorical moves of RA abstract between Scopus indexed and reputable international journals, and Sinta indexed national journals. Besides, the comparison indirectly related to the realization of rhetorical moves and the linguistic features that were used by native English speakers and native Indonesian speakers. Therefore, to get maximum results, this study used the pattern analysis method (Baker, 2010; Hyland, 2009).

3.2. Data Sources

This study used a textual approach to analyze the sources of abstract text data. The realization of rhetorical moves referred to the Hyland (2000) model. It was because this model was the result of move analysis involving 800 abstract texts from various disciplines, including those that were hard science. However, in conducting the research, the researcher still referred to the data because discourse pattern models for abstracting nursing articles are still scarce. The analysis of data was conducted in the form of text and specifically fragmented into sentences. After analyzing the data, the researcher inputted the data into Microsoft Excel to tabulate the appearance of the rhetorical moves and linguistic features. After that, the tabulated data converted into a whole structure or configuration of rhetorical moves and the linguistic features.

3.3. Data Collection Process

The data source for this research was in the form of a collection of abstracts taken from six journals. Three journals had been indexed and reputable Scopus, and

Three other journals indexed Sinta 2 and 3. The open-access websites such as International Journal of Nursing Studies, Nursing Research, Research in Nursing and Health, *Jurnal Keperawatan Indonesia* (UI), *Jurnal Pendidikan Keperawatan Indonesia* (UPI) and *Jurnal Keperawatan Soedirman* (UNSOED) were chosen as the data. The RA abstracts from these journal articles were randomly selected from recent publication journals in these fields. The nursing RA abstracts of these journals were Scopus indexed websites as the international indexation and Sinta as the national indexation. Furthermore, the abstracts from these journals were written in English. The data were easier to analyze because all journals were written in the same language and used internationally. A total of 48 abstracts from the most recent research studies was taken from each journal with a period of publication from 2015 to 2018. This number of data considered enough because multiple sources preferred to review, make sense, and organize into categories or themes. The following table provides detailed information.

Table 1 Description of research data sources

| Name of journal | Affiliation | Indexation | Publication year | Number of abstracts |
|--|----------------|----------------------|------------------|---------------------|
| International Journal of Nursing Studies | United Kingdom | Scopus, Elsevier, Q1 | 2015-2018 | 8 |

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|--|------------------|--|---|
| Nursing Research | United States | Scopus, Lippincott Williams & Wilkins Ltd., Q1 | 8 |
| Research in Nursing and Health | United States | Scopus, John Wiley & Sons, Inc., Q1 | 8 |
| Jurnal Keperawatan Indonesia | Indonesia | Sinta 2, Universitas Indonesia | 8 |
| Jurnal Pendidikan Keperawatan Indonesia | Indonesia | Sinta 3, Universitas Pendidikan Indonesia | 8 |
| Jurnal Keperawatan Soedirman | Indonesia | Sinta 2, Universitas Jenderal Soedirman | 8 |

3.4. Data Analysis

This research used manual analysis of Hyland's (2000) model as the guideline of the rhetorical move of RA abstract, structures, and the variations in the linguistic

realization of the abstracts. The analysis of data conducted in the form of text and segments each text into sentences.

After collecting the abstracts, the moves and steps presented in the form of a table to make it easier to be analyzed. The collected abstracts put into the format below.

Table 2 Sample data analysis

| Research Article Abstract No. 4 | | | | | | | | | |
|---------------------------------|--|--|------|--|----------------------|----|----|--------|--|
| Name of journal | | : Jurnal Pendidikan Keperawatan Indonesia-Universitas Pendidikan Indonesia | | | | | | | |
| Year of publication | | : 2016 | | | | | | | |
| Country | | : Indonesia | | | | | | | |
| No | Sentence | Move | Step | Label | Linguistics Features | | | | |
| | | | | | T | Vo | V | MA | |
| 1. | Communication is a very important process in human relationship. | 1 | 1 | Arguing for topic significance | Pr | A | RV | | |
| 2. | In providing nursing care, nurses should have a good knowledge and communication skill as the beginning of a good relationship between nurses, patients, and their families. | 1 | 2 | Making topic generalizations : what is currently known | Pr | A | RV | Should | |

| | | | | | | | |
|----|--|---|---|--|----|---|----|
| 3. | Nurses with good communication skill had an easier opportunity to make a good relationship with the patient and their families. | 1 | 2 | Making topic generalizations : what is currently known | Pa | A | RV |
| 4. | This study aimed to identify effective communication barriers among nurses in developing communication with patients' family according to nurses' perspective in Intensive Care Unit Rumah Sakit Umum Al Islam Bandung. | 2 | 5 | Stating general and/or specific purpose of the research including the hypothesis | Pa | A | AV |
| 5. | This descriptive explorative study involved 10 nurses were taken with accidental sampling | 3 | 6 | Describing participants/ data source | Pa | A | AV |
| 6. | Data were gathered using interview and observation. | 3 | 7 | Describing instrument(s) | Pa | P | AV |
| 7. | Data analyzed with the content analysis. | 3 | 7 | Describing procedure and context | Pa | A | AV |
| 8. | Result showed that there were at least five topic of effective communication barriers among nurses in | 4 | 9 | Describing the main specific findings of the research | Pa | A | AV |

developing communication with patients' family according to nurses' perspective in Intensive Care Unit Rumah Sakit Umum Al Islam Bandung; role conflict, family demographic factors, misunderstanding, environment and situation in the ICU, and family psychological condition.

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|----|--|---|----|---|----|---|----|
| 9. | So, training related to communication between nurses and patients' family were necessary to undertake in order to improve the ability of nurses such as foreign language skills and patience in dealing with the situation in the ICU especially in relation to the patient's family. | 5 | 10 | Deducing conclusions from results by commenting on or interpreting the results, or deducing claims from the results | Pa | A | RV |
| 10 | This is because nurses are the spearhead of health care service in hospital. | 5 | 10 | Deducing conclusions from results by commenting on or interpreting | Pr | A | RV |

the results, or
deducing
claims from the
results

: *verbs*, : *modal auxiliaries*

The texts analyzed by using move analysis, which consisted of several moves and steps. Each sentence labelled by using specific codes in the form of word and colour and put it to the table provided. After analyzing the rhetorical moves of the data, the researcher inputted the data into Microsoft Excel to tabulate the appearance of rhetorical moves. Then, the tabulated data converted into a whole structure or configuration of the rhetorical moves of each move and step. After that, the tense, voice, verbs and modal auxiliaries were examined to the linguistic features of the RA abstract. Lastly, the researcher wrote the conclusion and discussion from the findings of the study.